

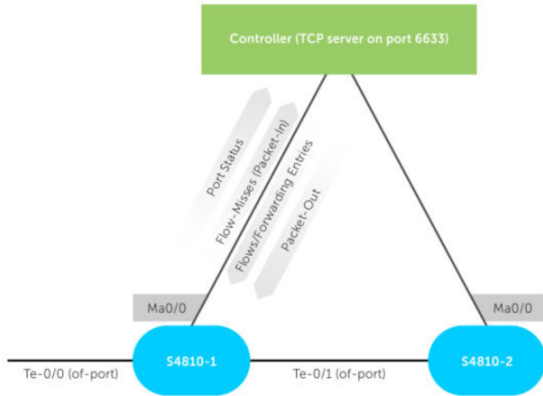


Exhibit 10

Illustrative Claim Chart for U.S. Patent No. 9,560,177

Claim 1	Exemplary Dell Switches
<p>1. A switch apparatus, comprising:</p>	<p>The Exemplary Dell Switches include a switch apparatus that supports OpenFlow Software Defined Networking (SDN).</p> <p><i>See, e.g.,</i></p> <div data-bbox="636 498 714 786">  </div> <div data-bbox="1346 493 1465 613">  </div> <p>Dell Networking MXL blade switch For Dell M1000e blade enclosures</p> <p>Expand the value of your blade investment. The Dell Networking MXL blade switch delivers performance and scalability in a flexible package to meet the shifting demands of your business and data center as it transitions to 1/10/40GbE.</p> <p>https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf</p>

Claim 1	Exemplary Dell Switches
	<p data-bbox="604 240 798 280">Overview</p> <p data-bbox="604 313 1692 358">In a software-defined network (SDN), an external controller cluster manages the network and the resources on each switch. OpenFlow is a protocol used for communication between the controller and the switch.</p> <p data-bbox="604 383 1530 404">In the example topology below, the controller uses the OpenFlow protocol to communicate with two S4810 switches.</p> <div data-bbox="653 488 1192 881">  <p>The diagram illustrates an OpenFlow topology. At the top is a green box labeled 'Controller (TCP server on port 6633)'. Below it are two blue oval shapes representing switches, labeled 'S4810-1' and 'S4810-2'. A horizontal line connects the two switches, with 'Te-0/0 (of-port)' on the left and 'Te-0/1 (of-port)' on the right. Each switch has a 'Ma0/0' port connected to the controller. Arrows indicate the flow of information: 'Port Status' (from switch to controller), 'Flow-Misses (Packet-In)' (from switch to controller), 'Flow-Forwarding Entries' (from controller to switch), and 'Packet-Out' (from controller to switch).</p> </div> <p data-bbox="604 1005 846 1026">Figure 1. OpenFlow Topology</p> <p data-bbox="594 1079 1812 1222">See Dell OpenFlow Deployment and User Guide 4.0 (“Dell OpenFlow”), available at https://dl.dell.com/manuals/all-products/esuprt_ser_stor_net/esuprt_networking/esuprt_net_networkng_sw/force10-sw-defined-ntw_deployment%20guide4_en-us.pdf</p>

Claim 1	Exemplary Dell Switches
	<p>OpenFlow 1.3 Support</p> <p>OpenFlow (OF) 1.3 [STD-1] is supported on the S4810, S4820T, S5000, S6000, Z9000, Z9500, and MXL switches.</p> <p>Dell Networking OS supports OpenFlow 1.3 message types. Although OpenFlow 1.3 is enabled, the OpenFlow 1.0 functionality is also supported. Additionally, the group flow and multipart message types features are supported. The multipart message types features replaces the statistics feature in OpenFlow 1.0 version.</p> <p><i>Id.</i></p>
<p>a storage storing a table, the table including rules and actions corresponding to the rules; and</p>	<p>The Exemplary Dell Switches supporting OpenFlow include a storage storing a table, the table including rules and actions corresponding to the rules.</p> <p><i>See, e.g.,</i></p> <p>Port attributes Up to 32 line-rate 10GbE KR ports 2 line-rate fixed 40GbE QSFP+ ports 2 optional FlexIO plug-in modules with flexible media choices: - 2-port QSFP+ 40GbE module - 4-port SFP+ 10GbE module - 4-port 10GBase-T 10GbE copper module (1/10Gb, only 1 module per MXL is supported) - 4-port 2/4/8Gb FC FlexIO module 1 USB (Type A) port for storage 1 USB (Type A) port for console/management</p> <p>Performance MAC addresses: 128K IPv4 routes: 16K Switch fabric capacity: 1.28Tbps (full-duplex) Forwarding capacity: 960Mpps Link aggregation: Up to 16 members per group, 128 LAG groups Queues per port: 4 queues VLANs: 4094 Line-rate Layer 2 switching: All protocols, including IPv4 Line-rate Layer 3 routing: IPv4 and IPv6 ACLs: 2K ingress, 1K egress Packet buffer memory: 9MB CPU memory: 2GB</p> <p>https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf</p>

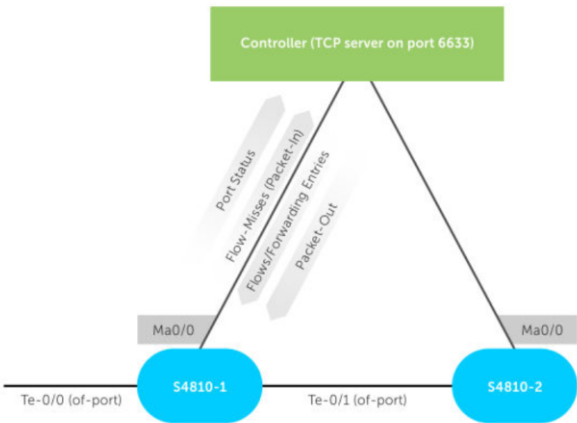
Claim 1	Exemplary Dell Switches
	<p>For example, access control lists (ACLs) and forwarding tables are used to make flow-matching and routing decisions.</p> <p>Match Parameters and Supported Values</p> <p>Using OpenFlow, you can transmit the switch's ports and forwarding tables to the controller, allowing the controller to configure forwarding entries on the switch. OpenFlow also allows the controller to insert control packets through the switch and to redirect any missed flow packets from the switch to the controller.</p> <p>The flows in OpenFlow allow the switch to match based on the following parameters and values. The software forwards the match results out of one or more network ports, with the option to modify the packet headers.</p> <p><i>See Dell OpenFlow.</i></p>
a controller comprising: a memory storing instructions;	<p>The Exemplary Dell Switches supporting OpenFlow include a controller comprising a memory storing instructions.</p> <p><i>See, e.g.,</i></p>

Claim 1	Exemplary Dell Switches
	<p data-bbox="604 240 808 284">Overview</p> <p data-bbox="604 316 1766 365">In a software-defined network (SDN), an external controller cluster manages the network and the resources on each switch. OpenFlow is a protocol used for communication between the controller and the switch.</p> <p data-bbox="604 393 1591 414">In the example topology below, the controller uses the OpenFlow protocol to communicate with two S4810 switches.</p> <div data-bbox="655 505 1228 922"> <p>The diagram illustrates an OpenFlow network topology. At the top, a green rectangular box represents the 'Controller (TCP server on port 6633)'. Below it, two blue oval shapes represent switches, labeled 'S4810-1' and 'S4810-2'. Each switch has a grey rectangular box labeled 'Ma0/0' connected to it. A horizontal line connects the two switches, with labels 'Te-0/0 (of-port)' on the left and 'Te-0/1 (of-port)' on the right. Five arrows point from the switches up to the controller: a straight arrow labeled 'Port Status', a curved arrow labeled 'Flow Misses (Packet-In)', a curved arrow labeled 'Flow/Forwarding Entries', a curved arrow labeled 'Packet-Out', and a straight arrow labeled 'Packet-Out'.</p> </div> <p data-bbox="604 1055 863 1079">Figure 1. OpenFlow Topology</p> <p data-bbox="594 1128 854 1166"><i>See Dell OpenFlow.</i></p>

Claim 1	Exemplary Dell Switches
	<p>Port attributes Up to 32 line-rate 10GbE KR ports 2 line-rate fixed 40GbE QSFP+ ports 2 optional FlexIO plug-in modules with flexible media choices: - 2-port QSFP+ 40GbE module - 4-port SFP+ 10GbE module - 4-port 10GBase-T 10GbE copper module (1/10Gb, only 1 module per MXL is supported) - 4-port 2/4/8Gb FC FlexIO module 1 USB (Type A) port for storage 1 USB (Type A) port for console/management</p> <p>Performance MAC addresses: 128K IPv4 routes: 16K Switch fabric capacity: 1.28Tbps (full-duplex) Forwarding capacity: 960Mpps Link aggregation: Up to 16 members per group, 128 LAG groups Queues per port: 4 queues VLANs: 4094 Line-rate Layer 2 switching: All protocols, including IPv4 Line-rate Layer 3 routing: IPv4 and IPv6 ACLs: 2K ingress, 1K egress Packet buffer memory: 9MB CPU memory: 2GB</p> <p>https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf</p> <p><i>See above.</i></p>
and a processor configured to execute the instructions to:	<p>The Exemplary Dell Switches supporting OpenFlow include a processor configured to execute instructions.</p> <p><i>See, e.g.,</i></p>

Claim 1	Exemplary Dell Switches
	<div data-bbox="594 237 804 285" data-label="Section-Header"> <h2>Overview</h2> </div> <div data-bbox="594 310 1728 363" data-label="Text"> <p>In a software-defined network (SDN), an external controller cluster manages the network and the resources on each switch. OpenFlow is a protocol used for communication between the controller and the switch.</p> </div> <div data-bbox="594 383 1560 410" data-label="Text"> <p>In the example topology below, the controller uses the OpenFlow protocol to communicate with two S4810 switches.</p> </div> <div data-bbox="651 493 1201 898" data-label="Diagram"> <p>The diagram illustrates an OpenFlow network topology. At the top, a green rectangular box represents the 'Controller (TCP server on port 6633)'. Below it, two blue oval shapes represent switches, labeled 'S4810-1' and 'S4810-2'. A horizontal line connects the two switches. On the left side of S4810-1, a line is labeled 'Te-0/0 (of-port)'. On the right side of S4810-2, a line is labeled 'Te-0/1 (of-port)'. Above each switch, a gray box is labeled 'Ma0/0'. Communication between the controller and the switches is shown with arrows. From the controller to S4810-1, arrows are labeled 'Port Status', 'Flow-Misses (Packet-In)', and 'Flows/Forwarding Entries'. From S4810-1 to the controller, an arrow is labeled 'Packet-Out'.</p> </div> <div data-bbox="594 1021 856 1050" data-label="Caption"> <p>Figure 1. OpenFlow Topology</p> </div> <div data-bbox="581 1096 856 1135" data-label="Text"> <p>See Dell OpenFlow.</p> </div>

Claim 1	Exemplary Dell Switches
	<p>Port attributes Up to 32 line-rate 10GbE KR ports 2 line-rate fixed 40GbE QSFP+ ports 2 optional FlexIO plug-in modules with flexible media choices: - 2-port QSFP+ 40GbE module - 4-port SFP+ 10GbE module - 4-port 10GBase-T 10GbE copper module (1/10Gb, only 1 module per MXL is supported) - 4-port 2/4/8Gb FC FlexIO module 1 USB (Type A) port for storage 1 USB (Type A) port for console/management</p> <p>Performance MAC addresses: 128K IPv4 routes: 16K Switch fabric capacity: 1.28Tbps (full-duplex) Forwarding capacity: 960Mpps Link aggregation: Up to 16 members per group, 128 LAG groups Queues per port: 4 queues VLANs: 4094 Line-rate Layer 2 switching: All protocols, including IPv4 Line-rate Layer 3 routing: IPv4 and IPv6 ACLs: 2K ingress, 1K egress Packet buffer memory: 9MB CPU memory: 2GB</p> <p>https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf</p> <p><i>See above.</i></p>
receive the rules and the actions from a control apparatus;	<p>The Exemplary Dell Switches supporting OpenFlow receive the rules and the actions from a control apparatus.</p> <p><i>See, e.g.,</i></p>

Claim 1	Exemplary Dell Switches
	<p>Overview</p> <p>In a software-defined network (SDN), an external controller cluster manages the network and the resources on each switch. OpenFlow is a protocol used for communication between the controller and the switch.</p> <p>In the example topology below, the controller uses the OpenFlow protocol to communicate with two S4810 switches.</p>  <p>Figure 1. OpenFlow Topology</p> <p><i>See Dell OpenFlow.</i></p> <p>For example, rules and actions are received from an OpenFlow controller (<i>e.g.</i>, TCP server on port 6633). <i>See above.</i></p>
identify, based on the rules, a received packet;	The Exemplary Dell Switches supporting OpenFlow identify, based on the rules, a received packet.

Claim 1	Exemplary Dell Switches
	<p><i>See, e.g.,</i></p> <h3 data-bbox="617 310 1018 354">OpenFlow 1.3 Support</h3> <p data-bbox="617 375 1587 412">OpenFlow (OF) 1.3 [STD-1] is supported on the S3048-ON, S3100 series, S4048-ON, S4048T-ON, S6100-ON, S6010-ON, S6000-ON, S4810, S4820T, S5000, S6000, Z9100, Z9500, FN IOM, and MXL switches.</p> <p data-bbox="617 428 1549 492">Dell Networking OS supports OpenFlow 1.3 message types. Although OpenFlow 1.3 is enabled, the OpenFlow 1.0 functionality is also supported. Additionally, the group flow and multipart message types features are supported. The multipart message types features replaces the statistics feature in OpenFlow 1.0 version.</p> <h3 data-bbox="617 537 1260 574">Match Parameters and Supported Values</h3> <p data-bbox="617 597 1560 660">Using OpenFlow, you can transmit the switch's ports and forwarding tables to the controller, allowing the controller to configure forwarding entries on the switch. OpenFlow also allows the controller to insert control packets through the switch and to redirect any missed flow packets from the switch to the controller.</p> <p data-bbox="617 683 1593 721">The flows in OpenFlow allow the switch to match based on the following parameters and values. The software forwards the match results out of one or more network ports, with the option to modify the packet headers.</p> <p><i>See Dell OpenFlow.</i></p> <p data-bbox="594 850 1839 914">For example, packets are matched to flows, as described above. Packets not matching an existing flow may be forwarded to the OpenFlow Controller using the packet-in message. <i>See above.</i></p>
duplicate a part of a header of the identified packet as an additional header when the identified packet comprises a target of encapsulation;	<p data-bbox="594 927 1829 990">The Exemplary Dell Switches supporting OpenFlow duplicate a part of a header of the identified packet as an additional header when the identified packet comprises a target of encapsulation.</p> <p><i>See, e.g.,</i></p>

Claim 1	Exemplary Dell Switches
	<p data-bbox="604 233 999 272">Supported Flow Actions</p> <p data-bbox="604 297 911 318">The following flow actions are supported:</p> <ul data-bbox="604 337 1625 743" style="list-style-type: none"> • OFFPAT_FLOOD or OFFPAT_ALL: Floods packets to all ports and VLANs on the OF interface. • OFFPAT_CONTROLLER: Sends all NO_MATCH or ACTION packets to the controller specified by the packet's VLAN tag. • OFFPAT_out_port: Displays a list of ports that can receive traffic. • OFFPAT_DROP: Drops all packets that match the specified criteria. • OFFPXMT12_OFB_ETH_TYPE – Ethernet frame type • OFFPXMT12_OFB_VLAN_PCP – VLAN priority • MODIFY_FIELD – Set VLAN ID: Assigns a VLAN ID (0 to 4094). • MODIFY_FIELD – Strip Vlan ID: Strips VLAN ID from the packet. • MODIFY_FIELD – Set VLAN priority: Assigns a priority to a VLAN (0 to 7). • MODIFY_FIELD – Modify Ethernet source MAC address: Changes the Ethernet source MAC address to the specified value. • MODIFY_FIELD – Modify Ethernet destination MAC address: Changes the Ethernet destination MAC address to the specified value. • MODIFY_FIELD – Modify IPv4 ToS bits: Changes the IPv4 ToS in the packet header to the specified value. • OFFPAT_ENQUEUE: Send the specified flow to the queue. <p data-bbox="604 763 1394 789">① NOTE: If there is a conflict between actions, the action with the higher priority takes precedence.</p> <p data-bbox="594 837 852 870"><i>See Dell OpenFlow.</i></p> <p data-bbox="594 911 1881 979">For example, OpenFlow supports a “push-tag” operation where a new VLAN header can be added to the packet. The VLAN header is inserted immediately after the Ethernet header.</p> <p data-bbox="594 1019 1864 1088">The fields of the VLAN header are copied or duplicated from existing outer header fields, as shown below:</p>

Claim 1	Exemplary Dell Switches																																
	<table><tr><th>Action</th><th>Associated Data</th><th>Description</th></tr><tr><td>Push VLAN header</td><td>Ethertype</td><td>Push a new VLAN header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8100 and 0x88a8 should be used.</td></tr><tr><td>Pop VLAN header</td><td>-</td><td>Pop the outer-most VLAN header from the packet.</td></tr><tr><td>Push MPLS header</td><td>Ethertype</td><td>Push a new MPLS shim header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8847 and 0x8848 should be used.</td></tr><tr><td>Pop MPLS header</td><td>Ethertype</td><td>Pop the outer-most MPLS tag or shim header from the packet. The Ethertype is used as the Ethertype for the resulting packet (Ethertype for the MPLS payload).</td></tr><tr><td>Push PBB header</td><td>Ethertype</td><td>Push a new PBB service instance header (I-TAG TCI) onto the packet (see A.2.5). The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x88E7 should be used.</td></tr><tr><td>Pop PBB header</td><td>-</td><td>Pop the outer-most PBB service instance header (I-TAG TCI) from the packet (see A.2.5).</td></tr></table>	Action	Associated Data	Description	Push VLAN header	Ethertype	Push a new VLAN header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8100 and 0x88a8 should be used.	Pop VLAN header	-	Pop the outer-most VLAN header from the packet.	Push MPLS header	Ethertype	Push a new MPLS shim header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8847 and 0x8848 should be used.	Pop MPLS header	Ethertype	Pop the outer-most MPLS tag or shim header from the packet. The Ethertype is used as the Ethertype for the resulting packet (Ethertype for the MPLS payload).	Push PBB header	Ethertype	Push a new PBB service instance header (I-TAG TCI) onto the packet (see A.2.5). The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x88E7 should be used.	Pop PBB header	-	Pop the outer-most PBB service instance header (I-TAG TCI) from the packet (see A.2.5).											
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Pop PBB header	-	Pop the outer-most PBB service instance header (I-TAG TCI) from the packet (see A.2.5).																															
	Table 6: Push/pop tag actions.																																
	<p>5.12.1 Default values for fields on push</p> <p>Field values for all fields specified in Table 8 should be copied from existing outer headers to new outer headers when executing a push action. New fields listed in Table 8 without corresponding existing fields should be set to zero. Fields that cannot be modified via OpenFlow set-field actions should be initialized to appropriate protocol values.</p> <table><tr><th>New Fields</th><th></th><th>Existing Field(s)</th></tr><tr><td>VLAN ID</td><td>←</td><td>VLAN ID</td></tr><tr><td>VLAN priority</td><td>←</td><td>VLAN priority</td></tr><tr><td>MPLS label</td><td>←</td><td>MPLS label</td></tr><tr><td>MPLS traffic class</td><td>←</td><td>MPLS traffic class</td></tr><tr><td>MPLS TTL</td><td>←</td><td>{ MPLS TTL IP TTL</td></tr><tr><td>PBB I-SID</td><td>←</td><td>PBB I-SID</td></tr><tr><td>PBB I-PCP</td><td>←</td><td>VLAN PCP</td></tr><tr><td>PBB C-DA</td><td>←</td><td>ETH DST</td></tr><tr><td>PBB C-SA</td><td>←</td><td>ETH SRC</td></tr></table>			New Fields		Existing Field(s)	VLAN ID	←	VLAN ID	VLAN priority	←	VLAN priority	MPLS label	←	MPLS label	MPLS traffic class	←	MPLS traffic class	MPLS TTL	←	{ MPLS TTL IP TTL	PBB I-SID	←	PBB I-SID	PBB I-PCP	←	VLAN PCP	PBB C-DA	←	ETH DST	PBB C-SA	←	ETH SRC
New Fields		Existing Field(s)																															
VLAN ID	←	VLAN ID																															
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MPLS label	←	MPLS label																															
MPLS traffic class	←	MPLS traffic class																															
MPLS TTL	←	{ MPLS TTL IP TTL																															
PBB I-SID	←	PBB I-SID																															
PBB I-PCP	←	VLAN PCP																															
PBB C-DA	←	ETH DST																															
PBB C-SA	←	ETH SRC																															
	Table 8: Existing fields that may be copied into new fields on a push action.																																
	<p>Fields in new headers may be overridden by specifying a “set” action for the appropriate field(s) after the push operation.</p>																																
	See OpenFlow Switch Specification (Version 1.3.0), §§ 5.12 & 5.12.1.																																

Claim 1	Exemplary Dell Switches
encapsulate the identified packet by the additional header; and	<p>The Exemplary Dell Switches supporting OpenFlow encapsulate the identified packet by the additional header; and process, based on the actions, the identified packet.</p> <p><i>See, e.g.,</i></p> <p>Supported Flow Actions</p> <p>The following flow actions are supported:</p> <ul style="list-style-type: none"> • <code>OFFPAT_FLOOD</code> or <code>OFFPAT_ALL</code>: Floods packets to all ports and VLANs on the OF interface. • <code>OFFPAT_CONTROLLER</code>: Sends all <code>NO_MATCH</code> or <code>ACTION</code> packets to the controller specified by the packet's VLAN tag. • <code>OFFPAT_out_port</code>: Displays a list of ports that can receive traffic. • <code>OFFPAT_DROP</code>: Drops all packets that match the specified criteria. • <code>OFFPMT12_OFB_ETH_TYPE</code> – Ethernet frame type • <code>OFFPMT12_OFB_VLAN_PCP</code> – VLAN priority • <code>MODIFY_FIELD</code> – Set VLAN ID: Assigns a VLAN ID (0 to 4094). • <code>MODIFY_FIELD</code> – Strip Vlan ID: Strips VLAN ID from the packet. • <code>MODIFY_FIELD</code> – Set VLAN priority: Assigns a priority to a VLAN (0 to 7). • <code>MODIFY_FIELD</code> – Modify Ethernet source MAC address: Changes the Ethernet source MAC address to the specified value. • <code>MODIFY_FIELD</code> – Modify Ethernet destination MAC address: Changes the Ethernet destination MAC address to the specified value. • <code>MODIFY_FIELD</code> – Modify IPv4 ToS bits: Changes the IPv4 ToS in the packet header to the specified value. • <code>OFFPAT_ENQUEUE</code>: Send the specified flow to the queue. <p>① NOTE: If there is a conflict between actions, the action with the higher priority takes precedence.</p> <p><i>See Dell OpenFlow.</i></p>

Claim 1	Exemplary Dell Switches		
	Action	Associated Data	Description
	Push VLAN header	Ethertype	Push a new VLAN header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8100 and 0x88a8 should be used.
	Pop VLAN header	-	Pop the outer-most VLAN header from the packet.
	Push MPLS header	Ethertype	Push a new MPLS shim header onto the packet. The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x8847 and 0x8848 should be used.
	Pop MPLS header	Ethertype	Pop the outer-most MPLS tag or shim header from the packet. The Ethertype is used as the Ethertype for the resulting packet (Ethertype for the MPLS payload).
	Push PBB header	Ethertype	Push a new PBB service instance header (I-TAG TCI) onto the packet (see A.2.5). The Ethertype is used as the Ethertype for the tag. Only Ethertype 0x88E7 should be used.
	Pop PBB header	-	Pop the outer-most PBB service instance header (I-TAG TCI) from the packet (see A.2.5).
<p data-bbox="982 716 1287 738">Table 6: Push/pop tag actions.</p> <p data-bbox="606 789 1772 902">Newly pushed tags should <i>always</i> be inserted as the outermost tag in the outermost valid location for that tag. When a new VLAN tag is pushed, it should be the outermost tag inserted, immediately after the Ethernet header and before other tags. Likewise, when a new MPLS tag is pushed, it should be the outermost tag inserted, immediately after the Ethernet header and before other tags.</p> <p data-bbox="606 938 1772 1023">When multiple push actions are added to the action set of the packet, they apply to the packet in the order defined by the action set rules, first MPLS, then PBB, than VLAN (se 5.10). When multiple push actions are included in an action list, they apply to the packet in the list order (see 5.11).</p> <p data-bbox="594 1084 1495 1114"><i>See</i> OpenFlow Switch Specification (Version 1.3.0), §§ 5.12 & 5.12.1.</p> <p data-bbox="594 1159 735 1188"><i>See</i> above.</p>			
process, based on the actions, the identified packet.	<p data-bbox="594 1195 1829 1263">The Exemplary Dell Switches supporting OpenFlow process, based on the actions, the identified packet.</p> <p data-bbox="594 1308 709 1338"><i>See, e.g.,</i></p>		

Claim 1	Exemplary Dell Switches
	<p>Supported Flow Actions</p> <p>The following flow actions are supported:</p> <ul style="list-style-type: none"> • OFFPAT_FLOOD or OFFPAT_ALL: Floods packets to all ports and VLANs on the OF interface. • OFFPAT_CONTROLLER: Sends all NO_MATCH or ACTION packets to the controller specified by the packet's VLAN tag. • OFFPAT_out_port: Displays a list of ports that can receive traffic. • OFFPAT_DROP: Drops all packets that match the specified criteria. • OFFPXMT12_OFB_ETH_TYPE – Ethernet frame type • OFFPXMT12_OFB_VLAN_PCP – VLAN priority • MODIFY_FIELD – Set VLAN ID: Assigns a VLAN ID (0 to 4094). • MODIFY_FIELD – Strip Vlan ID: Strips VLAN ID from the packet. • MODIFY_FIELD – Set VLAN priority: Assigns a priority to a VLAN (0 to 7). • MODIFY_FIELD – Modify Ethernet source MAC address: Changes the Ethernet source MAC address to the specified value. • MODIFY_FIELD – Modify Ethernet destination MAC address: Changes the Ethernet destination MAC address to the specified value. • MODIFY_FIELD – Modify IPv4 ToS bits: Changes the IPv4 ToS in the packet header to the specified value. • OFFPAT_ENQUEUE: Send the specified flow to the queue. <p>① NOTE: If there is a conflict between actions, the action with the higher priority takes precedence.</p> <p>See Dell OpenFlow.</p> <p>For example, actions are carried out as defined in Section 5.12 of the OpenFlow Specification (“Actions”) in order to, <i>inter alia</i>, (i) forward packets to specified OpenFlow ports, (ii) set a queue id for a packet, (iii) drop a packet, (iv) process a packet through a specified group, or (v) push/pop tags, including the VLAN tags described above.</p> <p>See above.</p>